AMENDMENTS TO THE CLAIMS

Please amend the claims to read as follows:

1. (**Currently Amended**) A method comprising:

   scanning a first channel from a set of channels, wherein the first channel is associated with a first access point[[;]], the scanning comprising iteratively:

   receiving a packet on the first channel;

   determining if the received packet is an informational packet;

   ending the scanning of the first channel and joining the first access point if the received packet is an informational packet;

   determining information regarding the first channel from the received packet if the received packet is not an informational packet; and

   updating at least one statistic describing the first channel based on the information; and

   after the at least one statistic is updated for a plurality of packets, stopping scanning of the first channel and scanning a second channel from the set of channels if the at least one statistic ~~said information~~ indicates the first channel is not desirable, wherein the second channel is associated with a second access point.

2. (**Previously presented**) The method of claim 1, comprising, if a factor passes a threshold, determining the first channel is not desirable.

3. (**Previously presented**) The method of claim 1, comprising determining if the number of retries for the first channel is above a threshold.

4. (**Previously presented**) The method of claim 1, comprising determining if the percent of time the first channel is busy is above a threshold.

5. (**Previously presented**) The method of claim 1, comprising determining if the number of active stations using the first channel is above a threshold.

6. (**Previously presented**) The method of claim 1, comprising determining if the strength of a signal on the first channel is below a threshold.

7. (**Original**) The method of claim 1 comprising, if an informational packet is received, transmitting a request to join.

8. (**Currently Amended**) A wireless communication device comprising:

a controller to:

scan a first channel from a set of channels, wherein the first channel is associated with a first access point[[;]], wherein during scanning the controller is to iteratively:

receive a packet on the first channel;

determine if the received packet is an informational packet, [[and]] end the scan of the first channel, [[and]] join the first access point if the received packet is an informational packet, [[and]] determine information regarding the first channel from the received packet if the received packet is not an informational packet[[;]] , and update at least one statistic describing the first channel based on the information; and

after the at least one statistic is updated for a plurality of packets, stop scanning of the first channel and scan a second channel from the set of channels if the at least one statistic ~~said information~~ indicates the first channel is not desirable, wherein the second channel is associated with a second access point.

9. (**Original**) The device of claim 8, wherein the informational packet is a beacon packet or probe response.

10. (**Previously presented**) The device of claim 8, wherein the first channel is a communications channel associated with the first access point, the first access point providing a connection to a network.

11. (**Previously presented**) The device of claim 8, wherein the controller is to, if a factor passes a threshold, determine the first channel is not desirable.

12. (**Previously presented**) The device of claim 8, wherein the controller is to determine if the number of retries for the first channel is above a threshold.

13. (**Previously presented**) The device of claim 8, wherein the controller is to determine if the percent of time the first channel is busy is above a threshold.

14. (**Previously presented**) The device of claim 8, wherein the controller is to determine if the number of active stations using the first channel is above a threshold.

15. (**Previously presented**) The device of claim 8, wherein the controller is to determine if the strength of a signal on the first channel is below a threshold.

16. (**Original**) The device of claim 8, wherein the controller is to, if an informational packet is received, transmit a request to join.

17. (**Currently amended**) A wireless communication device comprising:

a dipole antenna; and

a controller to:

scan a first channel from a set of channels, wherein the first channel is associated with a first access point[[;]], wherein during scanning the controller is to iteratively:

receive a packet on the first channel;

determine if the received packet is an informational packet and end the scan of the first channel and join the first access point if the received packet is an informational packet and determine information regarding the first channel from the received packet if the received packet is not an informational packet; and

update at least one statistic describing the first channel based on the information;

after the at least one statistic is updated for a plurality of packets, stop scanning of the first channel and scan a second channel from the set of channels if the at least one statistic ~~said information~~ indicates the first channel is not desirable, wherein the second channel is associated with a second access point.

18. (**Previously presented**) The device of claim 17, wherein the controller is to, if a factor passes a threshold, determine the first channel is not desirable.

19. (**Previously presented**) The device of claim 17, wherein the informational packet is a beacon packet or probe response.

20. (**Currently Amended**) A wireless communication system comprising:

a first access point; and

a communications device comprising:

a controller to:

scan a first channel from a set of channels, wherein the first channel is associated with the first access point[[;]], wherein during scanning the controller is to iteratively:

receive a packet on the first channel;

determine if the received packet is an informational packet, [[and]] end the scan of the first channel, [[and]] join the first access point if the received packet is an informational packet, [[and]] determine information regarding the first channel from the received packet if the received packet is not an informational packet[[;]] , and update at least one statistic describing the first channel based on the information; and

after the at least one statistic is updated for a plurality of packets, stop scanning of the first channel and scan a second channel from the set of channels if the at least one statistic ~~said information~~ indicates the first channel is not desirable, wherein the second channel is associated with a second access point.

21. (**Original**) The system of claim 20, wherein the informational packet is a beacon packet or probe response.

22. (**Previously presented**) The system of claim 20, wherein the controller is to, if a factor passes a threshold, determine the first channel is not desirable.

23. (**Currently amended**) A computer-readable storage medium having stored therein instructions that when executed by a computing platform result in at least:

scanning a first channel from a set of channels, wherein the first channel is associated with a first access point[[;]], the scanning comprising iteratively:

receiving a packet on the first channel;

determining if the received packet is an informational packet;

ending the scanning of the first channel and joining the first access point if the received packet is an informational packet;

determining information regarding the first channel from the received packet if the received packet is not an informational packet; and

updating at least one statistic describing the first channel based on the information; and

after the at least one statistic is updated for a plurality of packets, stopping scanning of the first channel and scanning a second channel from the set of channels if the at least one statistic ~~said information~~ indicates the first channel is not desirable, wherein the second channel is associated with a second access point.

24. (**Previously presented**) The computer-readable storage medium of claim 23, wherein the instructions when executed by a computing platform result in at least, if a factor passes a threshold, determining the first channel is not desirable.

25. (**Previously presented**) The computer-readable storage medium of claim 23, wherein the instructions when executed by a computing platform result in at least determining if the number of retries for the first channel is above a threshold.

26. (**Canceled**)

27. (**Canceled**)

28. (**Canceled**)